PROJECT DESIGN PHASE-2

Data Flow Analysis

Date	10 October 2022
Team ID	PNT2022TMID39737
Project Name	Retail Store Stock Inventory Analytics
Maximum Marks	4 Marks
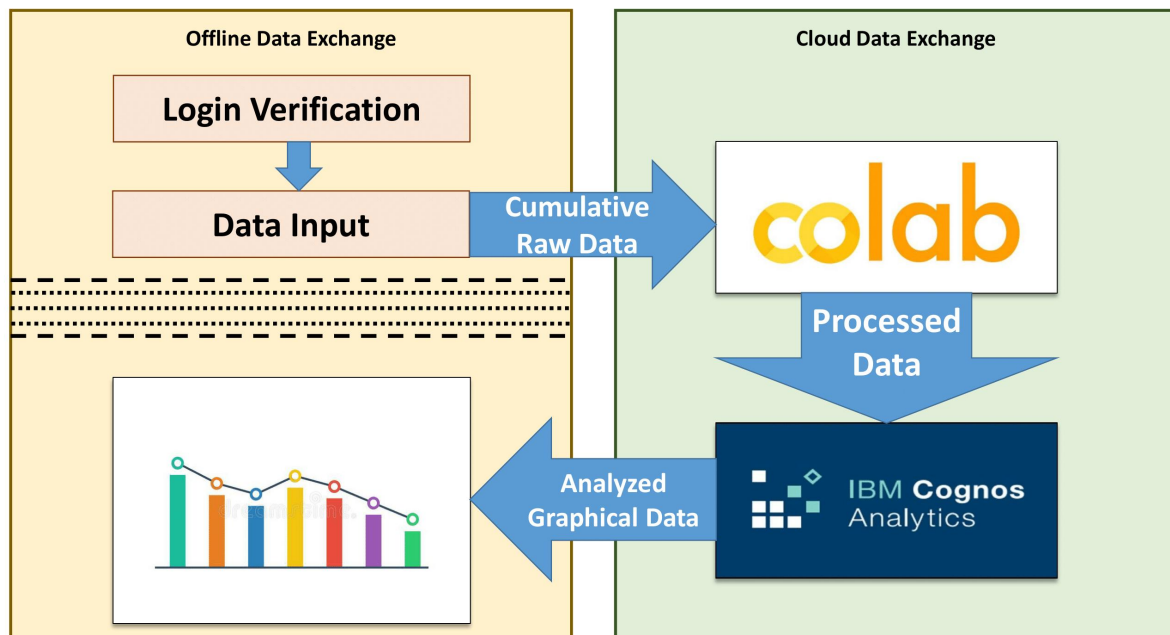
Data Level	Actors/Entities	Process
Level 1	1. User 2. Anvil 3. WWW	The User uses the WWW to access the Web Application and Upload the Raw Data in CSV format
Level 2	1. Anvil 2. Google Colab	The Front-End Software (Anvil) will Forward the CSV file to Google Colab were the data is processed and predictions are calculated
Level 3	1. Google Colab	IBM Cognos is a data analytic tool which is used to show

	2. IBM Cognos	Graphical Representation of the CSV data received from the Google Colab
Level 4	1. IBM Cognos 2. Anvil	IBM Cognos will send a link for the Graphical Report for the received CSV data to Anvil
Level 5	1. Anvil 2. User 3. IBM Cognos	Anvil will Embed the Link such that the Cognos Graphs will open inside the Anvil Webpage